

NO

HQ ADCOM PETERSON AFB CO//J-50//

HQ SD LOS ANGELES AFS CA//YGGJ//

INFO:HQ SAC OFFUTT AFB NE//SXR/SXM/ABS//

HQ SACCA OFFUTT AFB NE//LG2//

ADCOS OLAJ LOS ANGELES AFS CA//XPLO//

SUBJ: COMMENTS ON THE MOBILE GROUND TERMINAL PROPOSAL AND FACT
FINDING

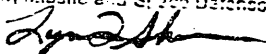
1. GENERALLY SPEAKING, WE ARE EXCEPTIONALLY PLEASED WITH THE
IBM PROPOSAL FOR HGTS. IT IS OBVIOUS THAT THE REQUIREMENTS OF THE
USER HAVE BEEN CONSIDERED IN DEPTH AND WE COMMEND BOTH THE SPO AND
IBM FOR THEIR EFFORTS. WE ARE WELL AWARE OF THE FUNDING PROBLEMS
THAT EXIST AND WILL WORK WITH YOU TO ACHIEVE THE BEST SYSTEM AT THE
LOWEST POSSIBLE COST. OUR COMMENTS FOLLOW:

A. THE PROPOSED HGT PHYSICAL CHARACTERISTICS ALLOW US A GREAT
DEAL OF DEPLOYMENT FLEXIBILITY. HQ SD MUST PROVIDE STRONG EMPHASIS
THROUGHOUT THE HGT PROGRAM TO RETAIN THIS FLEXIBILITY.

B. USE OF THE OSM AND RELATED EQUIPMENT WHICH IS UNDER OPER-
ATIONAL CONTROL OF CINCPAC MUST BE CONSIDERED AN ITEM OF RISK THROUGH-
OUT THE CONTRACT PERIOD. WE CANNOT GUARANTEE ITS AVAILABILITY IN

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LIGHT OF POTENTIAL OPERATIONAL REQUIREMENTS.

C. HQ SD SHOULD CONSIDER RELAXING ITS REQUIREMENTS FOR TECHNICAL INTERCHANGE (TI) MEETINGS EVERY MONTH. THE CONTRACTOR HAS PROPOSED NUMEROUS DESIGN REVIEWS AND ONLY INTENDS TO HOLD TI MEETINGS WITH ITS SUBS EVERY OTHER MONTH. USER SUPPORT, VITAL TO THE PROGRAM, IS DOUBTFUL FOR SO MANY MEETINGS. HQ SD SHOULD ALSO PURSUE COMBINING DESIGN REVIEWS WHEREVER POSSIBLE.

D. HQ SD SHOULD ANALYZE THE PROPOSED SCHEDULE FOR 3000 HOUR SYSTEM TESTING REQUIRING THE USE OF THE JRSCT. THE SCHEDULE APPEARS OVERLY OPTIMISTIC FOR TIMELY DELIVERY OF THE JRSCTS, ESPECIALLY IN LIGHT OF THE ON-GOING REPACKAGING ISSUE.

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F. THE PROPOSAL ASSUMES COLLOCATION OF THE MOB, IMF AND MPF. THIS ASSUMPTION, THOUGH NEEDED FOR INITIAL COSTING, IS PROBABLY INCORRECT. HQ SD SHOULD BE PREPARED TO ADJUST COSTS ACCORDINGLY AFTER SAC COMPLETES SITE SELECTION.

G. THE NET SYSTEM OPERATIONAL CONCEPT DOES NOT REQUIRE A GCN

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INTERFACE. HQ SD COULD REDUCE COSTS BY ELIMINATING THE REQUIREMENT. IF THE REQUIREMENT IS RETAINED, THE PROPOSAL SHOULD BE EXPANDED TO PROVIDE THE INTERFACE FOR TWO MOBS: ONE IN CONUS AND ONE OVERSEAS. IT SHOULD ALSO BE NOTED THAT THE SECOND GEN III COMMUNICATIONS ELEMENT WILL PROBABLY BE PERMANENTLY LOCATED AT THE CONUS FOB.

H. WHEN USED IN THE PRE-ATTACK ROLE, WE REQUEST THE HGT MESSAGES TO BE IDENTICAL IN FORMAT/CONTENTS TO THOSE SENT BY THE SPS. REPORT DELIVERY TIMES SHOULD NOT BE DEGRADED AND THEREFORE MUST BE ADDED TO THE PROPOSED NON-DEGRADATION TESTS.

I. DELETION OF THE VEHICLE ATTITUDE DETERMINATION (VAD) DEVICE SHOULD BE CONSIDERED; HOWEVER, IF THE DEVICE IS REQUIRED TO COMPENSATE FOR WIND BUFFETING WHILE OPERATIONAL, IT SHOULD BE RETAINED.

J. WE UNDERSTAND THE RATIONALE FOR CONSIDERING DEFERRAL OF THE HF ADMINISTRATIVE SYSTEM. HOWEVER, THE REQUIREMENT FOR HGT TO HGT AND HGT TO HGB COMMUNICATIONS REMAINS FIRM AND HQ SD MUST ASSURE CONTINUED PURSUIT OF SOLUTIONS.

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L. THE PROPOSAL TO ELIMINATE GROUNDING RODS ALSO SUPPORTS
OPERATIONAL AVAILABILITY b1

WE SUPPORT IBM'S APPROACH IF INDEED IT IS OPERATIONALLY SAFE.

M. GLOBAL SUMMARY MESSAGES ARE THE SUBJECT OF CONTINUING DIS-
CUSSION WITHIN THE USER COMMUNITY. THE PROPOSED SET OF MESSAGES
(EQUIVALENT TO GCN III) IS NOT CONSIDERED ADEQUATE. WE WILL TAKE
THE ACTION NECESSARY TO REDEFINE THE MESSAGES AS SOON AS POSSIBLE.
HQ SD SHOULD BE PREPARED TO ADJUST THE CONTRACT ACCORDINGLY WHEN OUR
STUDIES ARE COMPLETE.

N. THE PROPOSED MGT WILL SUPPORT A CREW OF TWO PERSONNEL FOR
THE EXPECTED THREAT PERIOD. THE MGT SOC CALLS FOR A MINIMUM MGT-
ONLY CREW OF THREE. HQ SD SHOULD ASSESS THE IMPACT AND ADJUST THE
CONTRACT ACCORDINGLY.

2. ABCON POINT OF CONTACT IS MAJ MACCARI, AV 692-3203.
REVIEW 1 DEC 1999

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